

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	Filed herewith	Confirmation No.
Applicant	:	ZARRO, et al.	
Filed	:	Filed herewith	
TC/A.U.	:		
Examiner	:		
Docket No.	:	7162-109	
Customer No.	:	30448	

**INFORMATION DISCLOSURE STATEMENT
PURSUANT TO 37 CFR 1.97**

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Alexandria, VA 22313-1450

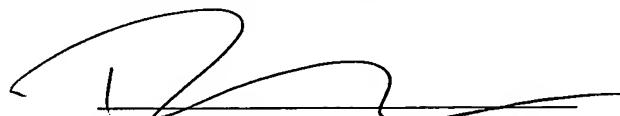
Sir:

This Information Disclosure Statement is being submitted in compliance with 37 CFR 1.97 and 1.98. A list of documents on form PTO 1449 together with a concise explanation or a translation of each non-English language document is enclosed herewith.

This paper is submitted in accordance with 37 CFR 1.97(b) and a fee is not required for consideration of these documents. Please charge any deficiencies to Deposit Acct. No. 50-0951.

Respectfully submitted,

Date: 10/15/03



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Form PTO-1449 (Rev. 2-88) INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use several sheets if necessary)</i>				U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 7162-109	APPLICATION NO.		
				APPLICANT ZARRO, et al.					
				FILING DATE Herewith		GROUP			
				U.S. PATENT DOCUMENTS					
EXAMINER'S INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	106	10/448,973		Delgado, et al.				5/30/2003	
	11	10/184,277		Killen, et al.				6/27/2002	
	12	10/185,443		Killen, et al.				6/27/2002	
	13	10/184,332		Killen, et al.				6/27/2002	
	14	10/185,251		Parsche, et al.				6/27/2002	
	16	10/185,847		Killen, et al.				6/27/2002	
	17	10/185,275		Killen, et al.				6/27/2002	
	18	10/185,273		Killen, et al.				6/27/2002	
	20	10/308,500		Killen, et al.				12/3/2002	
	21	10/373,935		Killen, et al.				2/25/2003	
	22	10/404,285		Killen, et al.				3/31/2003	
	23	10/404,981		Killen, et al.				3/31/2003	
	24	10/404,960		Killen, et al.				3/31/2003	
	25	10/185,144		Killen, et al.				6/27/2002	
	26	10/185,266		Killen, et al.				6/27/2002	
	27	10/185,162		Rumpf, Jr., et al.				6/27/2002	
	28	10/185,824		Killen, et al.				6/27/2002	
	31	10/185,187		Killen, et al.				6/27/2002	
FOREIGN PATENT DOCUMENTS									
			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION	
								YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
EXAMINER				DATE CONSIDERED					
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					PATENT AND TRADEMARK OFFICE		7162-109		APPLICATION NO.	
					APPLICANT		ZARRO, et al.			
					FILING DATE		Herewith			
U.S. PATENT DOCUMENTS										
EXAMINER'S INITIAL	CITE NO.	DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE		
	32	10/185,855		Killen, et al.				6/27/2002		
	33	10/185,459		Killen, et al.				6/27/2002		
	35	10/185,480		Killen, et al.				6/27/2002		
	56	10/439,094		Delgado, et al.				5/15/2003		
	29	10/185,570		Killen, et al.				6/27/2002		
	30	10/184,854		Killen, et al.				6/27/2002		
	34	10/185,215		Killen, et al.				6/27/2002		
	36	10/185,480		Killen, et al.				6/27/2002		
	98	10/614,626		Zarro, et al.				7/7/2003		
FOREIGN PATENT DOCUMENTS										
			DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION		
								YES	NO	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)										
EXAMINER					DATE CONSIDERED					
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(Use as many sheets as necessary)			
Sheet	3	of	3
			Attorney Docket Number
			7162-109

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		THOMAS, Design of Wide-Band Corrugated Conical Horns for Cassegrain Antennas, IEEE Transactions on Antennas and Propagation, Vol. AP-34, No. 6, June 1986	
		TAKEDA, Broadbanding of Corrugated Conical Horns by Means of the Ring-Loaded Currgated Waveguid Structure, IEEE Transactions on Antennas and Propagation, Vol. AP-24, No. 6, Nov. 1976	
		CLARRICOATS, Broadband low-crosspolarisation horn, Electronics Letters, Vol. 30, No. 25, 8 Dec. 1984	
		WORM, Electromagnetic fields of corrugated conicalhorns with elliptical cross section described by Lame functions, Radio Science, Vol. 19, No. 5, pp. 1219-1224, Sept.-Oct, 1984	
		ZHANG, Design of Conical Corrugated Feed Horns for Wide-Band High-Frequency Applications, IEEE Transactions on Microwave Theory and Techniquest, Vol. 41, No. 8, August 1993	

Examiner Signature	Date Considered
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
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